

Amendments to the Claims:

1. (Currently Amended) A system to support multimedia content browsing on ~~[[small]]~~ mobile devices, comprising:

a multimedia content database;

a processing component which searches for and retrieves ~~[[one]]~~ two or more multimedia contents from the multimedia content database, wherein the processing component transmits the ~~[[one]]~~ two or more multimedia contents to a browsing component over a communication network; ~~[[and]]~~

said browsing component which renders the ~~[[one]]~~ two or more multimedia contents on ~~[[one]]~~ two or more layers content layers, ~~on the browsing component, wherein each of the one or more layers are rendered on top of each other in an alignment, wherein each of the one or more layers has a transparency value; and wherein the browsing component sets the transparency value of each of the one or more layers independently, interactively, and continuously via one or more input devices, wherein the two or more content layers always overlap each other in totality within a single display area, and wherein the display area for the content layers is not moved or stretched in the x-y plane by users' instruction; and~~

a transparent widget layer rendered on the display area of the browsing component, the transparent widget layer being completely transparent within the display area until activated by a user, the transparent widget layer used to independently, interactively and continuously adjust the degree of transparency of the two or more content layers via an input device, wherein transparency values for the two or more content layers comprise continuous gradient values between 0.0 and 1.0, a content layer having a transparency value of 0.0 being completely transparent and a content layer having a transparency value of 1.0 being completely opaque.

2. (Previously Presented) The system according to claim 1, wherein:

the multimedia content database resides on at least one of: an external hard disk drive (HDD), a portable HDD, a wireless HDD, a Bluetooth HDD, and an internal HDD on a resource-rich computing device.

3. (Currently Amended) The system according to claim 1, wherein:

~~a multimedia content of the~~ ~~[[one]]~~ two or more multimedia contents which includes one or

more of: a video, a video segment, a keyframe, an image, a figure, a drawing, a graph, a picture, a text, and a keyword.

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Previously Presented) The system according to claim 1, wherein:  
the processing component includes one of: a laptop PC, a desktop PC, a server, a workstation, and a mainframe computer.

9. (Previously Presented) The system according to claim 1, wherein:  
the communication network includes one of: Internet, an intranet, a local area network, a wireless network, and a Bluetooth network.

10. (Cancelled)

11. (Currently Amended) The system according to claim 1, wherein:  
the processing component is further capable of:  
composing and animating the contents of the two or more ~~of the one or more~~ content  
layers using the transparency values of the two or more content layers; and  
saving the composed content in the multimedia content database and transmitting  
the composed content to the browsing component.

12. (Currently Amended) The system according to claim 1, wherein:  
the browsing component includes one of: a PDA, a cell phone, a Tablet PC, a Pocket PC,  
and a ~~[[small]]~~ mobile device.

13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Currently Amended) The system according to claim 1, wherein:  
[[an]] the input device ~~in the one or more input devices~~ includes one of: a pen, and a stylus.
19. (Currently Amended) A computer-implemented method to support multimedia content browsing on small mobile devices, comprising:  
searching for and retrieving [[one]] two or more multimedia contents from a multimedia content database;  
transmitting the [[one]] two or more multimedia contents over a communication network;  
~~rendering the one or more multimedia contents on one or more layers, wherein each of the one or more layers has a transparency value, and wherein each of the one or more layers are rendered on top of each other in an alignment; and~~  
~~setting the transparency value of each of the one or more layers independently, interactively, and continuously via one or more input devices.~~  
rendering the two or more multimedia contents on two or more content layers, wherein the two or more content layers always overlap each other in totality within a single display area, and wherein display area for the content layers is not moved or stretched in the x-y plane by users' instruction; and  
receiving user input from an input device on a widget layer rendered on the display area of the browsing component, the transparent widget layer being completely transparent within the display area until activated by a user, the transparent widget layer used to independently, interactively and continuously adjust the degree of transparency of the two or more content layers via an input device, wherein transparency values for the two or more content layers comprise

continuous gradient values between 0.0 and 1.0, a content layer having a transparency value of 0.0 being completely transparent and a content layer having a transparency value of 1.0 being completely opaque.

20. (Currently Amended) The method according to claim 19, further comprising at least one of:  
segmenting ~~a multimedia content of the one~~ the two or more multimedia contents into one or more video segments; ~~[[and]]~~

associating one or more keywords with each of the video segments;

~~associating and retrieving the~~ two or more multimedia contents ~~content~~ and each of the ~~one or more~~ associated video segments with a keyword.

21. (Currently Amended) The method according to claim 20, further comprising:  
composing the multimedia contents ~~content~~ with one or more video segments from one or more source multimedia contents.

22. (Currently Amended) The method according to claim 19, further comprising:  
composing and animating the contents of the two or more ~~of the one or more~~ content layers using the transparency values ~~of the two or more layers~~; and  
storing the composed content in the multimedia content database and transmitting the composed content for rendering.

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Currently Amended) A machine readable medium having executable instructions stored thereon that when executed cause a system to:

~~search and retrieve one or more multimedia contents from a multimedia content database;~~

~~transmit the one or more multimedia contents over a communication network;~~

~~render the one or more multimedia contents on one or more layers, wherein each of the one or more layers has a transparency value, and wherein each of the one or more multimedia content layers are rendered on top of each other in an alignment; and~~

~~set the transparency value of each of the one or more layers independently, interactively, and continuously via one or more input devices;~~

search for and retrieve two or more multimedia contents from a multimedia content database;

transmit the two or more multimedia contents over a communication network;

render the two or more multimedia contents on two or more content layers, wherein the two or more content layers always overlap each other in totality within a single display area, and wherein the display area for the content layers is not moved or stretched in the x-y plane by users' instruction; and

receive user input from an input device on a widget layer rendered on the display area of the browsing component, the transparent widget layer being completely transparent within the display area until activated by a user, the transparent widget layer used to independently, interactively and continuously adjust the degree of transparency of the two or more content layers via an input device, wherein transparency values for the two or more content layers comprise continuous gradient values between 0.0 and 1.0, a content layer having a transparency value of 0.0 being completely transparent and a content layer having a transparency value of 1.0 being completely opaque.

30. (Currently Amended) The machine readable medium of claim 29, further comprising instructions that when executed cause the system to:

~~segment a multimedia content of the one~~ the two ~~or more multimedia contents into one or more video segments; [[and]]~~

associate one or more keywords with each of the video segments;

~~associate and retrieve the multimedia content~~ two or more multimedia contents and each of

the ~~one or more~~ video segments with a keyword.

31. (Currently Amended) The machine readable medium of claim 30, further comprising instructions that when executed cause the system to:

compose the multimedia ~~contents~~ content with one or more video segments from one or more source multimedia contents.

32. (Currently Amended) The machine readable medium of claim 29, further comprising instructions that when executed cause the system to:

compose and animate the contents of the two or more ~~of the one or more~~ content layers using the transparency values ~~of the two or more layers~~; and

store the composed content in the multimedia content database and transmit the composed content for rendering.

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Cancelled)

40. (New) The system of Claim 1:

wherein the multimedia content database includes at least one video, the video having a title and a keyframe associated with the video;

wherein the retrieved multimedia content includes one or more videos including each video's

associated title and keyframe;

wherein a list of the video titles received from the processing component is rendered within a first content layer of the browser component; and

wherein upon reception of a selection of one of the video titles rendered within the first content layer to view the keyframe associated with the video title, the keyframe being rendered within a second content layer.

41. (New) The system of Claim 40:

wherein the default transparency values for both the first content layer and the second content layer are 0.8.

42. (New) The system of Claim 40:

wherein the video associated with the video title which was selected by the user is played by the browser component; and

wherein the first content layer including the video titles and the second content layer including the keyframe are completely transparent when the selected video is being played in a third content layer.

43. (New) The system of Claim 42:

wherein a video controller is activated and displayed within the browser component when the selected video is being played, the video controller being a graphical user interface that allows the user to stop, pause, play and jump to other parts of the video.

44. (New) The system of Claim 40:

wherein the keyframe comprises two or more frames overlapping each other in totality, each frame having a transparency value which allows each frame to be visible.

45. (New) The system of Claim 40:

wherein the videos received by the browser component include one or more video segments;

wherein keywords are associated with each video segment; and

wherein the browsing component includes:

a graphical representation of each segment of the video associated with the video title which was selected by the user;

a bar within each graphical representation, the height of the bar indicating the relevance of the associated video segment to the query; and

a text box which displays the keywords associated with the video segments.

46. (New) The system of Claim 45:

wherein the video associated with the video title which was selected by the user is played within the browser component; and

wherein the first content layer including the video titles and the second content layer including the keyframe are completely transparent while the selected video is being played within a third content layer.

47. (New) The system of Claim 45:

wherein the selected video includes video segments obtained from different source videos; wherein each graphical representation includes a graphical indicator when the source video is present within the multimedia content database; and

wherein the source video is displayed within the browser component upon selection of the associated graphical indicator.

48. (New) The method of Claim 19, further comprising:

wherein the two or more multimedia contents includes videos, each video having a video title and a keyframe associated with the video;

rendering a list of the video titles of the transmitted multimedia contents within a first content layer;

receiving user input to select one of the video titles rendered in the first content layer; and

rendering the keyframe associated with the selected video title within a second content layer.

49. (New) The method of Claim 48, further comprising:

playing the video associated with the selected video title, wherein the first content layer including the video titles and the second content layer including the keyframe are completely



transparent while the selected video is being played on a third content layer.

50. (New) The method of Claim 49, further comprising:

activating and displaying a video controller when the selected video is being played, the video controller being a graphical user interface that allows the user to stop, pause, play and jump to other parts of the video being played.

51. (New) The method of Claim 48, further comprising:

receiving user input to adjust the transparency values of the first content layer and the second content layer using the input device on the widget layer, wherein the transparency values for the first content layer can be adjusted by making a horizontal gesture over the widget layer using the input device and the transparency values for the second content layer can be adjusted by making a vertical gesture over the widget layer using the input device.

52. (New) The machine readable medium of Claim 29, further comprising instructions that when executed cause the system to:

wherein the two or more multimedia contents includes videos, each video having a video title and a keyframe associated with the video;

render the video titles of the transmitted multimedia contents as a first content layer;

receive user input to select one of the video titles rendered in the first area; and

render the keyframe associated with the selected video title as a second content layer.

53. (New) The machine readable medium of Claim 52, further comprising instructions that when executed cause the system to:

play the video associated with the selected video title, wherein the first content layer including the video titles and the second content layer including the keyframe become completely transparent while the selected video is being played on a third content layer.

54. (New) The machine readable medium of Claim 53, further comprising instructions that when executed cause the system to:

activate and display a video controller when the selected video is being played, the video controller being a graphical user interface that allows the user to stop, pause, play and jump to

other parts of the video being played.

55. (New) The machine readable medium of Claim 52, further comprising instructions that when executed cause the system to:

receive user input to adjust the transparency values of the first content layer and the second content layer using the input device on the widget layer, wherein the transparency values for the first content layer can be adjusted by making a horizontal gesture over the widget layer and the transparency values for the second content layer can be adjusted by making a vertical gesture over the widget layer.